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January 2, 2004

WRITER'S DIRECT NUMBER: (202) 772-8831 INTERNET ADDRESS: JWEAVER@SKGF.COM

Art Unit 2826

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 09/783,034; Filed: February 15, 2001

Die-Down Ball Grid Array Package with Die-Attached Heat Spreader

and Method for Making the Same

Inventors:

KHAN et al.

Our Ref:

1875.0210000

Sir:

Transmitted herewith for appropriate action are the following documents:

- COURTESY COPY of the postcard receipt, Information Disclosure 1. Statement, Form PTO-1449 (20 pages), and a copy of each document cited on Form PTO-1449 (105 documents: AA1-AF1, AJ1, AN1-AN20, AO1-AO20, AP1-AP20, AQ1-AQ19, and AR1-AR19) as filed on June 26, 2002; and
- 2. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLL.C.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com

Commissioner for Patents January 2, 2004 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

JMy A. We

Jeffrey S. Weaver Attorney for Applicants Registration No. 45,608

RES/JSW/acr Enclosures

SKGF 214900v1



**Due Date:** June 26, 2002

2826

Khan et al. Art Unit:

Examiner: Andujar, L.

**Application No.:** 09/783,034 **Docket:** 1875.0210000

Filed: February 15, 2001 Atty: JSW/LGK

Die-Down Ball Grid Array Package with Die-Attached Heat Spreader and Method for

Making the Same (As Amended)

When receipt stamp is placed hereon, the USPTO acknowledges receipt of the following documents:

1. SKGF Cover Letter;

Applicants:

2. Fee Transmittal Form PTO/SB/17;

For:

3. Amendment And Reply Under 37 C.F.R. § 1.111;

4. Information Disclosure Statement;

5. Form PTO-1449 with (105) attached documents;

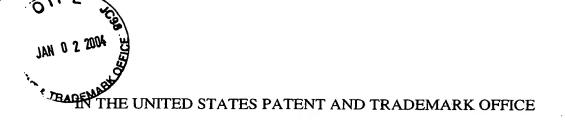
6. Return post card; and

7. Our Check No. <u>35656</u> for \$654.00 to cover:

\$474.00 for additional claims fee; and

\$180.00 for late submission of an Information Disclosure Statement.





In re application of:

Khan et al.

Appl. No. 09/783,034

Filed: February 15, 2001

For: Die-Down Ball Grid Array

Package with Die-Attached Heat Spreader and Method for Making

the Same (As Amended)

Confirmation No. 5713

Art Unit: 2826

Examiner: Andujar, L.

Atty. Docket: 1875.0210000

## **Information Disclosure Statement**

Commissioner for Patents Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not

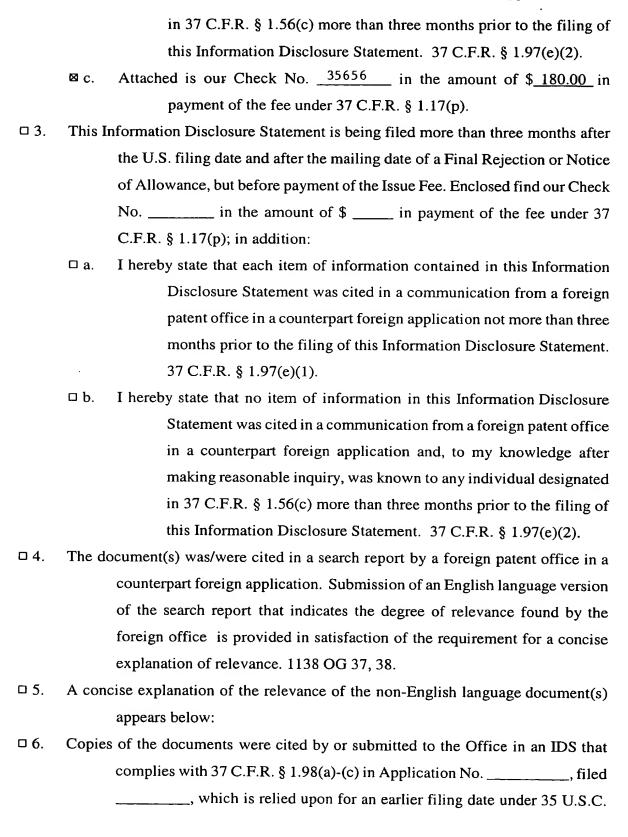
be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- □ 1. This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- 2. This Information Disclosure Statement is being filed more than three months after
  the U.S. filing date AND after the mailing date of the first Office Action on
  the merits, but before the mailing date of a Final Rejection, or Notice of
  Allowance, or an action that otherwise closes prosecution in the application.
  - □ a. I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
  - □ b. I hereby state that no item of information in this Information Disclosure

    Statement was cited in a communication from a foreign patent office
    in a counterpart foreign application and, to my knowledge after
    making reasonable inquiry, was known to any individual designated



§ 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

July S. Ween

Jeffrey S. Weaver Attorney for Applicants

Registration No. 45,608

Date: 6-26-02

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